United States Patent and Trademark Office UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov FEB 1 2 2007 ATTORNEY DOCKET NO. FIRST NAMED INVENTOR CONFIRMATION NO. 10/719,719 11/21/2003 3174 · Don L. Bouressa SRC014P 7590 02/06/2007 **EXAMINER** STEPHEN R. CHAPMAN POPE, DARYL C P.O. BOX 168 CLEMSON, SC 29633-0168 ART UNIT PAPER NUMBER 2612 SHORTENED STATUTORY PERIOD OF RESPONSE MAIL DATE **DELIVERY MODE**

Please find below and/or attached an Office communication concerning this application or proceeding.

02/06/2007

PAPER

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

3 MONTHS

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(Application No.	Applicant(s)	
(FEB 1 2 2297)	10/719,719	BOURESSA, DON L.	,
♦ Office Action Summary	Examiner	Art Unit	
The Property of	DARYL C. POPE	2612	
- The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the c	orrespondence addre	ss
A SHORTENED STATUTORY PERIOD FOR REPLY WHICHEVER IS LONGER, FROM THE MAILING DA - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period w - Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 36(a). In no event, however, may a reply be tin will apply and will expire SIX (6) MONTHS from cause the application to become ABANDONE	N. nely filed the mailing date of this comm D (35 U.S.C. § 133).	
Status			
1) Responsive to communication(s) filed on 2a) This action is FINAL . 2b) This 3) Since this application is in condition for allower closed in accordance with the practice under E	action is non-final.		erits is
Disposition of Claims		•	
4) ☐ Claim(s) 1-13 is/are pending in the application. 4a) Of the above claim(s) is/are withdraw 5) ☐ Claim(s) is/are allowed. 6) ☐ Claim(s) 1-13 is/are rejected. 7) ☐ Claim(s) is/are objected to. 8) ☐ Claim(s) are subject to restriction and/or	vn from consideration.		·
Application Papers		•	
9) The specification is objected to by the Examine 10) The drawing(s) filed on is/are: a) acce Applicant may not request that any objection to the Replacement drawing sheet(s) including the correct 11) The oath or declaration is objected to by the Ex	epted or b) objected to by the drawing(s) be held in abeyance. Selion is required if the drawing(s) is ob	e 37 CFR 1.85(a). jected to. See 37 CFR	
Priority under 35 U.S.C. § 119			
12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of: 1. Certified copies of the priority documents 2. Certified copies of the priority documents 3. Copies of the certified copies of the prior application from the International Bureau * See the attached detailed Office action for a list	s have been received. s have been received in Applicati rity documents have been receive u (PCT Rule 17.2(a)).	on No ed in this National Sta	age
Attachment(s)			
1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date 11/21/2003.	4) Interview Summary Paper No(s)/Mail D 5) Notice of Informal F 6) Other:	ate	52)

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DETAILED ACTION

ART REJECTION:

Claim Rejections - 35 USC § 103

- 1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
 - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 2. Claims 1-13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ricketts(5,218,344).
 - -- In considering claim 1, the claimed subject matter that is met by Ricketts includes:
- the at least one first card reader means is met by the stationary transceivers(12);
 - 2) the base computer is met by the main computer(11);
- 3) the plurality of second card reader means is met by the transceivers(12) designated (B,C) as seen in figure 4;
- 4) the portable computer being in communication with the base computer is met by the local computer(15) in communication with the main computer as seen in figure 1.
 - Ricketts does not show:
- 1) the second card reader means being capable of wireless communication with the portable computer;

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2) the portable computer being capable of processing, visually displaying, and generating printed displays of census data such that evacuation status of a facility is determined in real time.

With regards to the wireless communication of the second card reader means, Ricketts states that although connection between the transceivers and the computers are via hard wiring, Ricketts does suggest implementation of other communication means i.e. wireless communications(see: column 8 lines 28-33). Use of wireless communication means for communicating information is well known in the art, and therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate wireless communication between the transceivers(12) and the computer(15), since this would have reduced the cost of wiring in the facility by allowing wireless communication.

With regards to the communication between the portable computer and the base computer, it would have been obvious to one of ordinary skill in the art at the time the invention was made to enable the portable computer(15) to process, display, and generate printed displays of census data transmitted from the base computer, since Ricketts already teaches that the computers include conventional PC's comprising processors, monitors, keyboards, and printers(see: column 6, lines 48-53), and as well that the main computer performs processing of ingress and egress data for the purpose of determining count data. Therefore, since the local computers(15), are an extension of the main computer(11), it would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate all of the functions of the main

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computer into the local computers, so as to allow functions of the main computer to extend throughout the facility, without having the actual main computer at every location.

- -- With regards to claim 2, the examiner takes Official Notice that in the computer art, use of computers which communicate via telephone transmitters is well known in the art, and therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate telephone transmitters into the computers(11,15) of Ricketts, since Ricketts already suggests implementation of other suitable communication means, and therefore telephone transmitters would have provided a convention and reliable means for allowing communication between components in the system.
- -- With regards to claims 3-8, the facility being an office building, educational facility, health care facility, and vehicle including a ship is met, since the system of Ricketts is utilized in a hospital, school, correctional facility, or the like. Furthermore, it would have been obvious that the Ricketts suggests implementation in a vehicle including a ship, since a military ship would have constituted a military installation. As well, the facility being an office building would have also been met, since some correctional facilities constitute office buildings as well.
- -- With regards to claim 9, it would have been obvious to one of ordinary skill in the art at the time the invention was made to allow the computer to be capable of generating printed images of schematic diagrams of the facility, since the system already desires to monitor the location of units as seen by the schematic diagram of figure 2, and therefore

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allowing the computer to print out those schematics would have allowed location information of specific personnel to be displayed via printed material.

- With regards to claims 10-11, although not specifically shown by Ricketts, it would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate independent power supplies into the computers and card reader means, since this would have prevented any single power outage to affect the entire system. Furthermore, the examiner takes official notice that in the power supply art, use of solar panels and drip charge devices for recharging and supplying power to devices is well known in the art, and therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate solar panels and drip charge devices into the computers and card reader means, since this would have alleviated the need for constant replacement of power supplies for the devices in the system.
- Claim 12 recites subject matter that is met as discussed in claim 1 above.
- -- Claim 13 recites subject matter that is met as discussed in claim 1 above.

Conclusion

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to DARYL C. POPE whose telephone number is 571-272-2959. The examiner can normally be reached on M-TH 9:00-7:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, MIKE HORABIK can be reached on 571-272-3068. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Daryl C. Pope

June 23, 2006

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Notice of References Cited

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FEB 1 2 7997

Examiner

DARYL C. PORE

Applicant(s)/Patent Under Reexamination BOURESSA, DON L.

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Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	Α	US-5,218,344	06-1993	Ricketts, James G.	340/573.4
	В	US-4,538,056	08-1985	Young et al.	235/377
	C	US-7,019,644	03-2006	Barrie, Robert P.	340/539.13
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FOREIGN PATENT DOCUMENTS

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NON-PATENT DOCUMENTS

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*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).) Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known Application Number unknown 11/21/03 Filing Date First Named Inventor Bouressa **nyaos**u **Examiner Name** Attorney Docket Number

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alsonadria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Petioniss, P.O. Box 1450, Alsonadria, VA 22313-1450.

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